

Converting Colors

HunterLab(47.0823, -4.4611,
-64.6265)

Have a look what the booklet for
HunterLab(47.0823, -4.4611,
-64.6265) contains.

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Color

**HunterLab(48.5268, 0.0066,
-60.6684)**

Conversions

Conversions Part 1

Format	Color
Hex	0089E5
RGB	0, 137, 229
RGB Percent	0%, 54%, 90%
CMY	0.9998, 0.4627, 0.1020
CMYK	1.00, 0.40, 0.00, 0.10
HSL	204°, 100%, 45%
HSV	204°, 100%, 90%
XYZ	23.0886, 23.5485, 77.4572
YIQ	106.5250, -111.1840, -0.4320

Conversions

Conversions Part 2

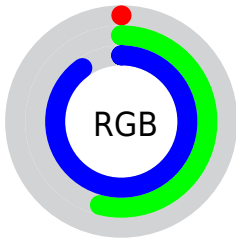
Format	Color
R_{YB}	0, 86, 229
Decimal	35301
CIE _{Lab}	55.63, 3.22, -55.03
CIE _{LCh}	56, 55.126, 273.345
Yxy	23.5492, 0.1861, 0.1898
Android (android.graphics.Color)	4278225381 (0xFF0089E5)
YUV	106.5250, 60.3802, -93.4224
Hunter-Lab	48.5268, 0.0066, -60.6684

Details

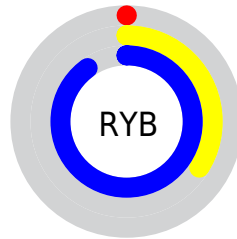
The HunterLab color **48.5268, 0.0066, -60.6684** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **49.3185, 44.5173, 31.1671**, and the grayscale version is **37.9791, -2.0265, 2.0635**.

A 20% lighter version of the original color is **68.5931, -9.9888, -39.6844**, and **31.6174, 6.9553, -54.5335** is the 20% darker color. If you saturate the color by 10%, you get **48.5199, 0.0187, -60.6860**, and if you desaturate by 10%, it is **51.4388, -3.9383, -53.8165**.

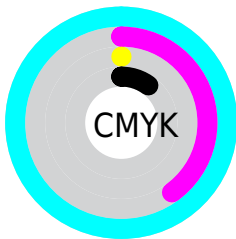
Distribution



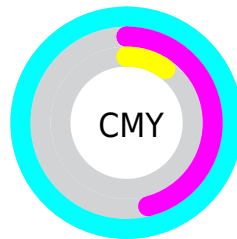
- Red (0%)
- Green (54%)
- Blue (90%)



- Red (0%)
- Yellow (34%)
- Blue (90%)



- Cyan (100%)
- Magenta (40%)
- Yellow (0%)
- Black (10%)



- Cyan (100%)
- Magenta (46%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.5268, 0.0066, -60.6684 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 48.5268, 0.0066, -60.6684 by changing the saturation by 10% instead.

■ 48.5268, 0.0066,
-60.6684

■ 48.5268, 0.0066,
-60.6684

■ 164.4790, -4.9026,
-67.1922

■ 38.7293, 0.3468,
-60.3258

■ 70.2094, -0.8164,
-61.9562

■ 29.6969, 0.6298,
-60.4449

■ 82.0104, -1.2933,
-62.7231

■ 21.5020, 0.8483,
-61.4867

■ 94.4073, -1.8092,
-63.5112

■ 14.2408, 0.9897,
-64.5776

■ 107.3726, -2.3618,
-64.2971

■ 7.8973, 1.3528,
-74.9029

■ 120.8824, -2.9491,
-65.0660

0.0000, NaN, -NF

0.0000, NaN, -NF

134.9157, -3.5693,

-65.8084

0.0000, NaN, -NF

149.4535, -4.2209,
-66.5184

0.0000, NaN, NaN

■ 48.5268, 0.0066,
-60.6684

■ 48.5268, 0.0066,
-60.6684

■ 48.5199, 0.0187,
-60.6860

■ 51.4388, -3.9383,
-53.8165

■ 54.6012, -7.1131,
-46.9747

■ 58.0370, -9.4038,
-40.1323

■ 61.7367, -10.8263,
-33.3392

■ 65.6847, -11.4324,
-26.6380

■ 69.8633, -11.2912,
-20.0587

■ 74.2541, -10.4777,
-13.6188

■ 78.8396, -9.0658,
-7.3258

■ 83.6037, -7.1245,
-1.1795

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



48.5275, -20.8329, -51.7929



48.5268, 0.0066, -60.6684



48.5275, 24.1040, -47.0921

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



48.5275, 0.0077, -60.6672



48.5275, 40.0138, 20.5051



48.5275, -36.0488, 17.9439

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



48.5268, 0.0066, -60.6684



49.3185, 44.5173, 31.1671

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



48.5275, -24.5302, 26.2423



48.5268, 0.0066, -60.6684



48.5275, 18.8182, 27.1654

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



48.5275, 0.0077, -60.6672



48.5275, 49.7430, 5.0257



48.5275, -5.1379, 28.6305



48.5275, -39.2343, 0.1298

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



48.5268, 0.0066, -60.6684



48.5275, 38.0939, -29.6680



48.5275, -5.1379, 28.6305



48.5275, -33.1437, 21.6044

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



48.5275, 0.0077, -60.6672



83.7822, -11.8627, -15.5324



75.3697, -60.9981, 37.4747



37.7761, -5.7062, -8.6049

0.0000, NaN, NaN



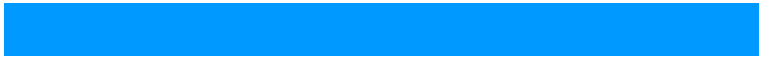
46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



48.5275, 0.0077, -60.6672



54.6335, 0.3306, -69.0007



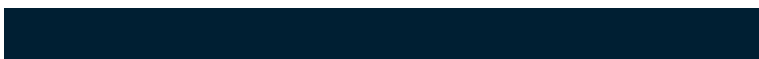
25.0372, 59.1994, -159.0798



39.1328, -3.2719, -0.4041



37.0160, -0.5464, -45.0873



10.9241, -1.5563, -10.2945

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



42.9717, 77.7854, -4.8142



48.5225, 87.8039, -5.1387



78.0079, -12.0097, 47.8565



38.0946, 2.3879, 0.4943



32.5283, 58.9542, -4.1622



8.9451, 16.3958, -2.5686

Previews

White Background



This preview shows how the HunterLab color 48.5268, 0.0066, -60.6684 looks on a white background.

Color Contrast Check

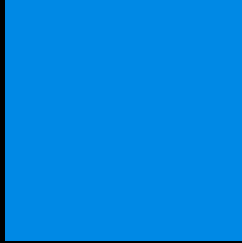
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 48.5268, 0.0066, -60.6684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

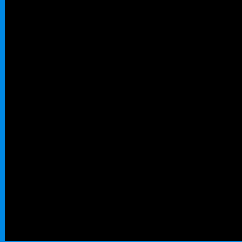
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 48.5268, 0.0066, -60.6684 Background



This preview shows how black text looks on a background with the HunterLab color 48.5268, 0.0066, -60.6684.



This preview shows how white text looks on a background with the HunterLab color 48.5268, 0.0066, -60.6684.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

48.5268, 0.0066, -60.6684

Protanopia

48.5993, 9.6516, -54.1937

Deuteranopia

48.5547, 4.6698, -61.4139



Tritanopia

48.3074, -23.1801, -10.3410

Trichromacy



Original Color

48.5268, 0.0066, -60.6684

Protanomaly

48.1373, 4.1680, -58.0032

Deuteranomaly

48.3719, 2.5845, -61.9085

Tritanomaly

48.0683, -15.5162, -26.5861

Monochromacy



Original Color

48.5268, 0.0066, -60.6684

Achromatopsia

38.3441, -2.0459, 2.0833

Achromatomaly

40.5218, -7.2682, -17.9966

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.5268, 0.0066, -60.6684 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(0, 137, 229)` looks like.

```
.text, #text, p{  
    color:rgb(0, 137, 229)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(0, 137, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 137, 229) }
```

Border

The CSS property to change the border of an element to HunterLab 48.5268, 0.0066, -60.6684 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(0, 137, 229) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(0, 137, 229) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(0, 137, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 137, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 137, 229);  
box-shadow:4px 4px 4px 4px rgb(0, 137,  
229) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.5268, 0.0066, -60.6684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 137, 229) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(0, 137,  
229) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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